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>Title: **JP5207895A2: DETERMINATION OF FINE AMOUNT OF REDUCTION AND OXIDATION TYPE NICOTINAMIDE ADENINE DINUCLEOTIDE OR REDUCTION TYPE AND OXIDATION TYPE NICOTINAMIDE ADENINE DINUCLEOTIDE PHOSPHATE**

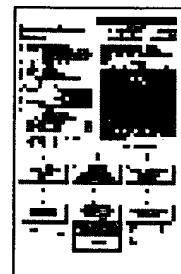
Derwent Title: Microanalysis of NADH, NAD, NADPH and NADP - by measuring change in absorbence at visible site [\[Derwent Record\]](#)

Country: JP Japan

Kind: A

Inventor: FUJIMURA ARINOBU;

Assignee: FUJIMURA ARINOBU
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Published / Filed: 1993-08-20 / 1992-08-31

Application Number: JP1992000255539

IPC Code: C12Q 1/32; C12Q 1/26; C12Q 1/54;

Priority Number: 1991-09-11 JP1991000308580

Abstract: PURPOSE: To provide a method for determining the fine amount of a reduction type or oxidation type nicotinamide adenine dinucleotide or a reduction type or oxidation type nicotinamide adenine dinucleotide phosphate.

CONSTITUTION: A method for determining the fine amount of NAD(P)H or NAD(P) or an enzyme and a substrate or a product which are related thereto is characterized by reacting a specimen containing the NAD(P)H or NAD(P) with resazurin or p-iodonitrotetrazolium violet (INT-V) in the presence of a catalyst, amplifying the absorption of the reaction product in the visible region light with the substrate of a NAD(P)-NAD(P)H cycling conjugated with the reaction product and with an enzyme system and subsequently measuring the change of the absorption.

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